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Problem Secondary Structure Prediction using Bayesian Inference method on Bayesian fusion algorithms

Chen, J.; Katsouris, P. K. ;

Acoustics and Signal Processing Symposium, 2007. ICASP7 2007. IEEE International

Digital Object Identifier: 10.1109/ICASP.2007.379470

Digest Object Identifier: 10.1109/ICASP.2007.379470

Publication Year: 2007 ; Page(s): 1 - 5

IEEE CONFERENCE

Short Time Association Rule Mining Algorithm

Shanmug, A. P. ; Pavlik, B. G. ;

Biomedical Engineering Conference, 2006. CBEC 2006. IEEE International

Digital Object Identifier: 10.1109/CBEC.2006.4785075

Digest Object Identifier: 10.1109/CBEC.2006.4785075

Publication Year: 2006 ; Page(s): 1 - 5

IEEE CONFERENCE

The bidirectional-based SSMC for hierarchical B-kernel in scalable video coding

Jeon, K. ; Han, H. ; Chang, C. ; Lee, Y. ;

Communications, Circuits and Systems, 2008. ICCAS 2008. IEEE International

Digital Object Identifier: 10.1109/ICCAS.2008.4637495

Digest Object Identifier: 10.1109/ICCAS.2008.4637495

Publication Year: 2008 ; Page(s): 202 - 205

IEEE CONFERENCE

Improving Seasonal Performance Prediction by Dealing with Class Imbalance

Lee, J. ; Kim, S. ; Kim, S. ;

Intelligent Systems Design and Applications, 2009. ISDA 2009. IEEE International

Digital Object Identifier: 10.1109/ISDA.2009.53

Digest Object Identifier: 10.1109/ISDA.2009.53

Publication Year: 2009 ; Page(s): 262 - 267

IEEE CONFERENCE

Pre-diction Based on Intelligent Methods

Zhang-jing Wu, Jin Zhang-jing Zhao

Intelligent Systems Design and Applications, 2006, Volume 10
Sixth International Conference on
Volume 1

Digital Object Identifier: 10.1109/ISDA.2006.1139

Publication Year: 2006 , Page(s): 1042 - 1043

IEEE Xplore Abstract

An experimental study on four models of customer choice motivation

Chen Jian-jun, Qi Chen Xiang

European Association of Development, 2006, 2006, 2006, 1139
International Conference on

Digital Object Identifier: 10.1109/EMD.2006.3345139

Publication Year: 2006 , Page(s): 1143 - 1144

IEEE Xplore Abstract

MYIS: a tool for intelligent, real-time monitoring of nonrelational queries

Bandy, Amit, Gerdhar, A. C., Moh, G. G., Behav, P. K.

Parallel and Distributed Processing Symposium, 2006, 1101-2
2006, 2006 International

Digital Object Identifier: 10.1109/PDP.2006.1488608

Publication Year: 2006

IEEE Xplore Abstract

low complexity lossless video compression

Wu-Chun Hwang, Chun-Yi Lee, Ming-ling Wang, Chung-Hong

Wang, Li-Hua Chang

Image Processing, 2006, ICIP'06, 2006 International
Conference on

Volume 4

Digital Object Identifier: 10.1109/ICIP.2006.1651815

Publication Year: 2006 , Page(s): 2515 - 2520 Vol. 4

IEEE Xplore Abstract

Reduction of halftoning errors due to line load in a plasma display panel

Jin-Sung Kim, Yeon-Jae Lee

Consumer Electronics, IEEE Transactions on
Volume 16 , Issue 4

Digital Object Identifier: 10.1109/TCE.2003.4711190

Publication Year: 2003 , Page(s): 1512 - 1516

IEEE Xplore Abstract

A decision-theoretic approach to planning, perception, and control

Boysa, B. ; Chen, Y. ; Kiemah, J. ; Lopez, M. ;
 IEEE Expert
 Volume: 17 , Number: 4
 Digital Object Identifier: 10.1109/64.151355
 Publication Year: 1997 , Page(s): 35 - 38
[IEEE Member\(s\)](#)

QoS aware proactive Call Admission Control and resource reservation in next generation wireless networks

Li, J. ;
 Computers and Systems for Communications, 2009. COMS. 2009. 4th International Conference on
 Publication Year: 2009 , Page(s): 1 - 4
[IEEE Member\(s\)](#)

Study of data mining based machinery fault diagnosis

Long Hong, Shi-Jian Huang; Wen-Ping Lu; Shi-Yan Shi,
 Machine Learning and Cybernetics, 2002. Proceedings. 2002 International Conference on
 Volume: 1
 Digital Object Identifier: 10.1109/Mach.2002.1176613
 Publication Year: 2002 , Page(s): 526 - 529 vol. 1
[IEEE Member\(s\)](#)

The application of geographical information systems to veterinary medicine: an overview

Wardlaw, R. G. ; Fahig, M. ; Luby, G. ;
 Computers and Systems for Communications, 2003. COMS. 2003. 4th International Conference on
 Volume: 2
 Digital Object Identifier: 10.1109/COMS.2003.1265640
 Publication Year: 2003 , Page(s): 526 - 528 vol. 2
[IEEE Member\(s\)](#)

Design and Development of Management Information System for USD Based on CRM/SCM

Ping wang, Xu Wei-Liang;
 Wireless Communications, Networking and Mobile Computing, 2006. WICOM 2006. 4th International Conference on
 Digital Object Identifier: 10.1109/WICOM.2006.28899
 Publication Year: 2006 , Page(s): 1 - 4
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Data Compression Conference- Title

Data Compression Conference, 2002. DCC 2002

Digital Object Identifier: 10.1109/ICCC.2007.129

Publishing Year: 2007 , Page(s): 1 - 6

IEEE Access URL: [Access](#)

International Conference on Computational Intelligence for Modelling Control and Automation and International Conference on Intelligent Agents, Web Technologies and e-Business Commerce - Title

Computational Intelligence for Modelling, Control and Automation, 2007, and International Conference on Intelligent Agents, Web Technologies and e-Business Commerce, International Conference on

Digital Object Identifier: 10.1109/ICCC.2006.117

Publishing Year: 2006 , Page(s): 1 - 6

IEEE Access URL: [Access](#)

Combining Bayesian Networks and Decision Trees to Predict *Drosophila melanogaster* Protein-Protein Interactions

Angela Yu Zhang, F. F. Fong, B. L.

IEEE Engineering Workshops, 2005 - 2005 International Conference on

Digital Object Identifier: 10.1109/ICE.2005.116

Publishing Year: 2005 , Page(s): 1199 - 1205

IEEE Access URL: [Access](#)

A transformer condition assessment framework based on state mining

Yong Zhu, Liang Wu, Guojin Li, Jiahua Chen

Power Engineering Society General Meeting, 2005, 2005

Digital Object Identifier: 10.1109/PGS.2005.1284207

Publishing Year: 2005 , Page(s): 1275 - 1280 Vol. 2

IEEE Access URL: [Access](#)

Reliability Analysis of Consistent Voting and Stochastic Redundancies

Yoshiaki Kato et al.

Reliability, 1999, Transactions on

Volume: 16(1) , Issue: 1

Digital Object Identifier: 10.1109/18.752453

Publishing Year: 1999 , Page(s): 66 - 75

IEEE Access URL: [Access](#)

Survival Analysis Models: Entropy-Predictions of Choice?

Chen, Z. ; Chen, A. ; Wu, H. et al.

Second International Conference on International Joint
Exposition on
Publication Year: 2008, Page(s): 1-10
DOI: 10.1109/IJCE.2008.4618888

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1 **Exploring causal correlation for failure prediction in conditions of cluster change**
Zhang, Peng; Zhang, Zhiqiang
November 2007 **SC '07: Proceedings of the 2007 ACM/IEEE conference on Supercomputing**
Publisher: ACM

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In large-scale networked computing systems, component failures become prediction is a crucial technique for self-managing resource burdens. Fail strong correlations in time and

Keywords correlation clusters, failure prediction, spatial correlation, sys-

2 **Iterative-based modeling and inference in attacker intent objectives**
Kane, Dan; Wang, Zhen; Meng, X
February 2008 **Transactions on Information and System Security (TIS)**
Publisher: ACM [Full text available](#)

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Although the ability to monitor and infer attacker intent, objectives, and si the likelihood of risk assessment, harm prediction, and predictive or other inference techniques are ...

Keywords Attacker intent and strategy modeling, attack strategy infer

3 **Boosted Classification Trees via Output Probability (1)-online SiftBoost**
David Rosenberg, Aaronson, J. Shwartz, Andreas Bregu
May 2007 **The Journal of Machine Learning Research** [Volume 8](#)
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The standard by which binary classifiers are usually judged, misclassification misclassifying the two classes or, equivalently, classifying at the 1/2 level function f(x)=1/x. Boosted ...

4 **Analytic modeling of multi-tier inference capabilities**
Bauer, Christopher; Garg, Parag; Prasad, Srinivas; Ravi, Srinivas
May 2007 **Transactions on the Web (TWEB)** [Volume 1](#)


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

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
Since many Internet applications employ a multi-tier architecture, in this analytically modeling the behavior of such applications. We present a mix the queues represent different ...

Keywords: Internet service, analytical model, dynamic provisioning, performance prediction, policing, queueing theory, session, server

  **5** *M. Allie: An adaptive middleware built upon anomaly detectors for intrusion detection* **Chen, Hui, Shen**

November 2010 Transactions on Autonomous and Adaptive Systems (

Publisher: ACM  [Report Problems](#)



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Anomaly-based intrusion detection is about the discrimination of major the characterization of system abnormality in terms of particular observed constructed policy from ...

Keywords: anomaly detection, P2P, intrusion detection, network security

  **6** *Thermal analysis of multi-processor SoC applications by simulation* **Dhiman, Das, P. R. Chatterjee, Rajeev Kumar**

February 2012 Transactions on Design Automation of Electronic Systems

Publisher: ACM  [Report Problems](#)



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
Overheating of computer chips leads to degradation of performance and from overheating in spite of increased performance requirements heat sink of cooling has been rising ...

Keywords: Markov chain, Thermal Analysis, chip temperature, hybrid AI

  **7** *Comprehensive multi-scale extrapolation modeling of multiprocessor* **Sun Shengsheng, Liang Jiantao, Sun Qifeng**

February 2007 Transactions on Computer Systems (TOCS) - Volume 24

Publisher: ACM  [Report Problems](#)

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
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Cache policies are an important subset of system model inputs. Cache design space exploration in which many cache configurations cannot be trace collection robust or available ...

Keywords: Adaptive models, cache miss rates, extrapolation, isotonic regression



Keywords: Empirical analysis of algorithms, algorithm portfolios, combi

- 12 Self-adaptive prediction: Bayesian for cost-effective query-optimized on-line
 **Heckel, Jörg, Rainer Schölkopf, Peter H. Rasmussen, and W. Bruce Rouse.** March 2009. **Transactions on Knowledge Discovery from Data (TKDD)**
Publication: ACM *to appear* *to appear*
Full text available:  PDF (196.14 KB) Additional information: [Full citation page](#)

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How to mine massive datasets is a challenging problem with great poten-
tial. Much effort has concentrated on developing scalable versions of machine
learning large datasets is ...



Keywords: Cost-effective prediction, OLAP queries, telemedicine, data an

- 13 Self-adaptive software: Language and research challenges
 **Heckel, Jörg, Rainer Schölkopf.** May 2008. **Transactions on Autonomous and Adaptive Systems (TAAS)**
Publication: ACM *to appear* *to appear*
Full text available:  PDF (359.11 KB) Additional information: [Full citation page](#)

Bibliometrics: Downloads (6 Weeks): 163, Downloads (12 Months): 1026, Down

Software systems dealing with distributed applications in changing world
super-distributed to continue operation in all conditions. These (re-)configure
maintenance tasks lead to costly and time-consuming ...



Keywords: Adaptation processes, research challenges, self-adaptive sof

- 14 An evaluation of automatic dependency detection
 **Li, Dong, Jiyu Liu, and Yueshan Fan.** December 2004. **Transactions on Asian Language Information Process**
Publication: ACM *to appear* *to appear*
Full text available:  PDF (643.68 KB) Additional information: [Full citation page](#)

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This paper evaluates five supervised learning methods in the context of
impact of different feature pruning methods and feature-set sizes on ex-
ecution-sensitive measures. It is observed ...

Keywords: Sparse filtering, text categorization

- 15 Agile dynamic provisioning: modeling Internet connections
 **Shahen Ungoroglu, Mehmet Shenay, and Peter Choudhry, Robert Datta.** March 2008. **Transactions on Autonomous and Adaptive Systems (TAAS)**
Publisher: ACM *to appear* *to appear*
Full text available:  PDF (1.17 MB) Additional information: [Full citation page](#)

Bibliometrics: Downloads (6 Weeks): 37, Downloads (12 Months): 281, Downl

Dynamic capacity provisioning is a useful technique for handling the mul-


workloads. In this article, we propose a novel dynamic provisioning technique that employs (1) a flexible...


Keywords: frequent application, dynamic provisioning

16 Word sense disambiguation: A survey

Recenta, Joseph

February 2006 **Computing Surveys (CSUR)** , Volume 40 Issue 1

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Word sense disambiguation (WSD) is the ability to identify the meaning of a word in a given context. WSD is considered an AI-complete problem, that is, a task whose difficulty is comparable to that of the hardest problems in artificial intelligence.


Keywords: WSD, Word sense disambiguation, lexical ambiguity, lexical annotation, word sense disambiguation

17 analysis of multi-level and multi-component non-denseed bitmap and

Kesheng Wu, Arie Shoshita, Kurt Stockinger

February 2010 **Transactions on Database Systems (TDBS)** , Volume 35 Issue 1

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Bitmap indexes are known as the most effective indexing methods for many different types of data. Many different bitmap indexes have been proposed in the research literature and are used in commercial products.


Keywords: Multi-component, bitmap index, compression, multi-level bit

18 Cross-disciplinary perspectives on meta-learning for algorithm select

Scott A. Cook, Peter

December 2008 **Computing Surveys (CSUR)** , Volume 42 Issue 1

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The algorithm selection problem (Roth 1995) seeks to answer the question: "What is the best algorithm for a given problem?" Recognizing the problem as a learning task, a methodology has been developed.


Keywords: Algorithm selection, classification, combinatorial optimization, characterization, empirical hardness, forecasting, landscape analysis, the

19 high performance, scalability, and broad applicability: The end goal is

Cheng, Chao, Christine

March 2008 **Journal on Emerging Technologies in Computing Systems**

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
Biotechnology is an area of great innovations that promises to have deep profound changes in biology, medicine, and health care. This article will discuss fundamental principles of molecular ...

Keywords: Genomics, Biosensors, microarrays, point-of-care diagnostic

 *A heuristic bidding strategy for buying multiple goods in multiple single dimensions* He, Zhisheng G., Michalek, Adam P., and Leventhal

 November 2006. **Transactions on Internet Technology (TOIT)** , volume 7.

Publication: *ACM SIGecom Recommen*

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Citation metrics: Downloads (6 Weeks) 8; Downloads (12 Months) 74; Downloads

This paper presents the design, implementation, and evaluation of a new use to obtain multiple goods from multiple overlapping single-item knapsack algorithms ...

Keywords: intelligent agents, bidding strategy, e-commerce, multiple b

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... It is produced to display the relations between attributes. ... Software requirements
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decision was followed in short order by the Court's ruling in *Harewood v. ...* Kaya
concludes that the Court has yet to display an appreciation of mechanisms and
assumptions at play. ... of predictive intervals, (ii) the presentation of a likelihood ...
attempted description of a Bayesian analysis is simplistic. ...

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new AP Rel. Simplest Proposal

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A solution that takes the APF concept to a new level of decision support capability. ... In
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The Future Team firmly believes that prediction or forecasting ... Figure 2: Future Proposed
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